Discrete Mathematics
Volume 224, Numbers 1–3, 28 September 2000

Contents

Contributions

M. Abad and J.P. Díaz Varela
Free Q-distributive lattices from meet semilattices 1

J.-C. Aval
Monomial bases related to the $n!$ conjecture 15

J.E. Bonin and H. Qin
Size functions of subgeometry-closed classes of representable combinatorial geometries 37

M. Chastand, F. Laviolette and N. Polat
On constructible graphs, infinite bridged graphs and weakly cop-win graphs 61

C. Deppe
Solution of Ulam's searching game with three lies or an optimal adaptive strategy for binary three-error-correcting codes 79

E. Dobson
Classification of vertex-transitive graphs of order a prime cubed — I 99

F.M. Dong, K.M. Koh, K.L. Teo, C.H.C. Little and M.D. Hendy
Chromatically unique bipartite graphs with low 3-independent partition numbers 107

S. Gerke
Colouring weighted bipartite graphs with a co-site constraint 125

M. Hildebrand
The proof of a conjecture of Simion for certain partitions 139

V. Jovović and G. Kilibarda
Enumeration of labelled quasi-initially connected digraphs 151

M.A. Méndez
Cycle index series of structures over digraphs 165

J.Y. Park
The weight hierarchies of outer product codes 193

D.P. Sanders and J. Maharry
On simultaneous colorings of embedded graphs 207

S.S Yu and Y.-K. Zhao
Properties of Fibonacci languages 215

R. Yuster
Arithmetic progressions with constant weight 225

H.-L. Zhou
On book-wheel Ramsey number 239

S. Zhou, H. Li and W. Liu
The Ree groups ${}^2G_2(q)$ and $2-(v,k,1)$ block designs 251

Notes

M. Balaj and K. Nikodem
Remarks on Bárány's theorem and affine selections 259

L. Dohmen, D. Rautenbach and L. Volkmann
A characterization of $\Gamma\alpha(k)$-perfect graphs 265

A.S. Fraenkel
On the recurrence $f_{m+1}=b_m f_m - f_{m-1}$ and applications 273

O. Guibert and E. Pergola
Enumeration of vexillary involutions which are equal to their mirror/complement 281

H. Matsuda
A neighborhood condition for graphs to have $[a,b]$-factors 289

G.D. Williams
Congruence of (2×2) matrices 293

Author index to volume 224 299